



Metric units of mass: kilograms and grams

Grade 4 Measurement Worksheet

Note: 1 kilogram (kg) = 1,000 grams (gm)

Convert kilograms to grams

1. 0.05 kg = _____ g
2. 0.41 kg = _____ g
3. 0.83 kg = _____ g
4. 0.03 kg = _____ g
5. 9.6 kg = _____ g
6. 6 kg = _____ g
7. 8.2 kg = _____ g
8. 4 kg = _____ g
9. 64 kg = _____ g
10. 0.07 kg = _____ g

Convert grams to kilograms

11. 100,000 g = _____ kg
 12. 30,000.0 g = _____ kg
 13. 4,000.0 g = _____ kg
 14. 60,000 g = _____ kg
 15. 40,000.0 g = _____ kg
 16. 10,000.0 g = _____ kg
 17. 20,000 g = _____ kg
 18. 50,000 g = _____ kg
 19. 7,000.0 g = _____ kg
 20. 1,000.0 g = _____ kg
- _____



Metric units of mass: kilograms and grams

Grade 4 Measurement Worksheet

Note: 1 kilogram (kg) = 1,000 grams (gm)

Convert kilograms to grams

1. 0.05 kg = 50 g
2. 0.41 kg = 410 g
3. 0.83 kg = 830 g
4. 0.03 kg = 30 g
5. 9.6 kg = 9,600 g
6. 6 kg = 6,000 g
7. 8.2 kg = 8,200 g
8. 4 kg = 4,000 g
9. 64 kg = 64,000 g
10. 0.07 kg = 70 g

Convert grams to kilograms

11. 100,000 g = 100 kg
12. 30,000.0 g = 30 kg
13. 4,000.0 g = 4 kg
14. 60,000 g = 60 kg
15. 40,000.0 g = 40 kg
16. 10,000.0 g = 10 kg
17. 20,000 g = 20 kg
18. 50,000 g = 50 kg
19. 7,000.0 g = 7 kg
20. 1,000.0 g = 1 kg